

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012400.D
 Acq On : 30 Jan 2023 16:11
 Operator : KP/MD
 Sample : 01358-10
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-3-012723

Quant Time: Jan 31 01:48:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

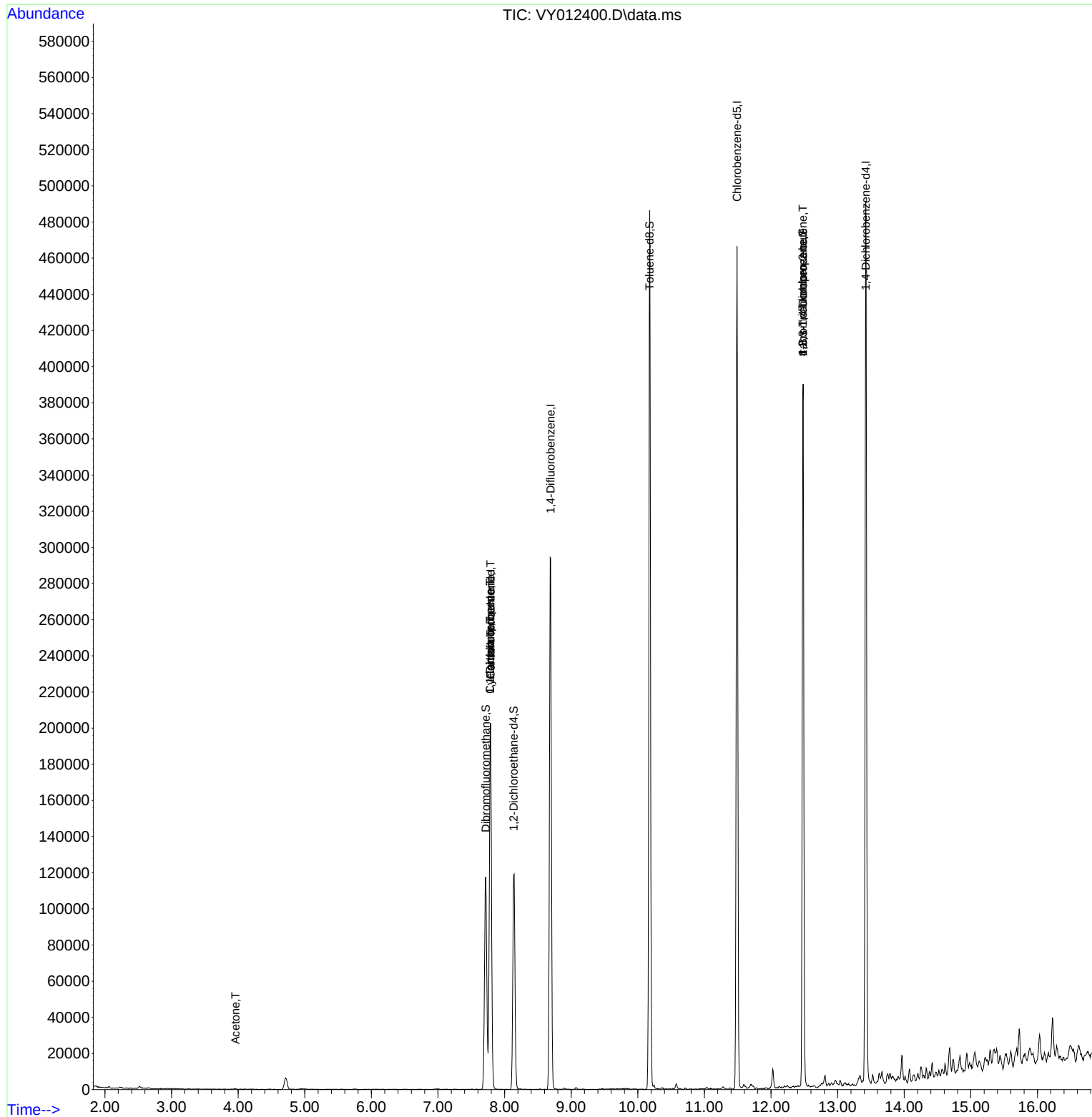
Internal Standards						
1) Pentafluorobenzene	7.789	168	162276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104594	80.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.260%	
35) Dibromofluoromethane	7.716	113	80297	56.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.300%	
50) Toluene-d8	10.179	98	321341	66.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.800%	
62) 4-Bromofluorobenzene	12.477	95	111243	55.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.360%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	1053	Below Cal	#	74
16) Acetone	3.960	43	717	1.587	ug/l #	74
20) Methylene Chloride	4.710	84	5279	Below Cal	#	84
31) Cyclohexane	7.783	56	2842	1.201	ug/l #	28
36) 1,1-Dichloropropene	7.783	75	10803	4.485	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15670	5.037	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	60932	50.886	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60932	104.849	ug/l #	13

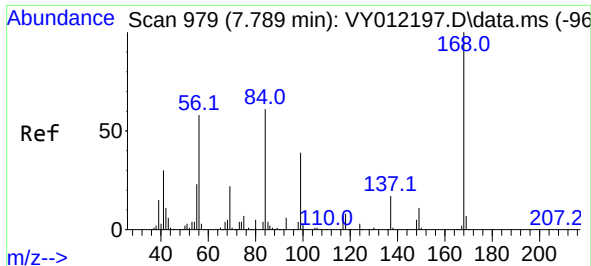
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012400.D
Acq On : 30 Jan 2023 16:11
Operator : KP/MD
Sample : 01358-10
Misc : 4.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JC-3-012723

Quant Time: Jan 31 01:48:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

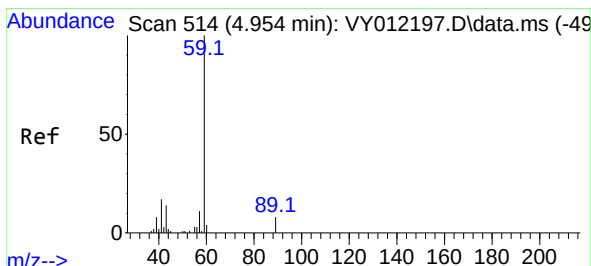
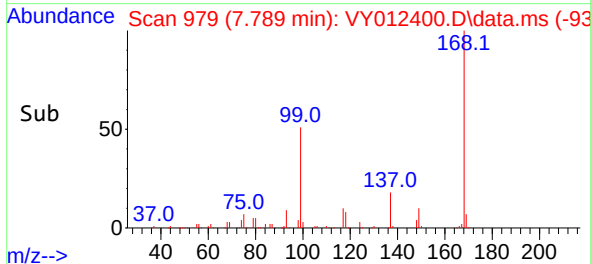
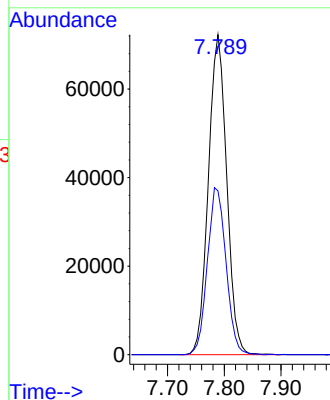
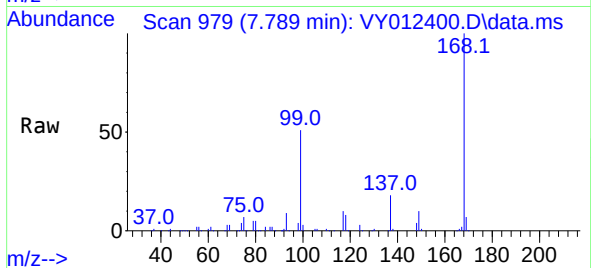




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

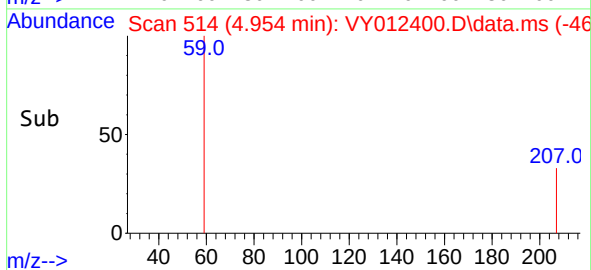
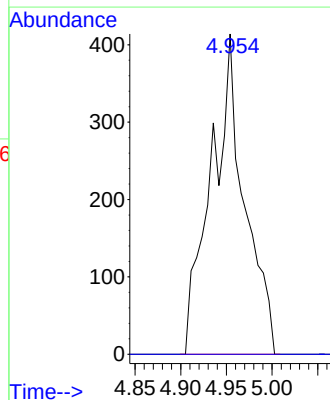
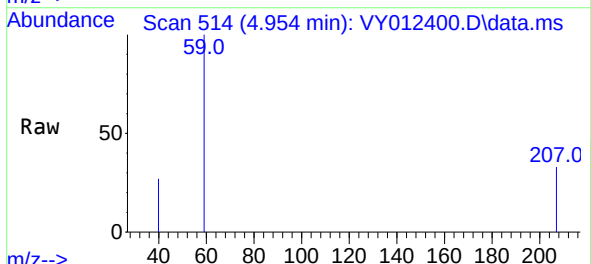
Instrument :
MSVOA_Y
ClientSampleId :
JC-3-012723

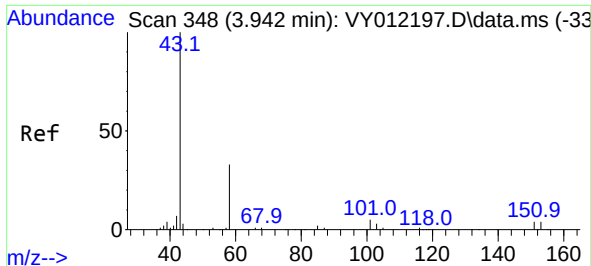
Tgt Ion:168 Resp: 162276
Ion Ratio Lower Upper
168 100
99 51.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Tgt Ion: 59 Resp: 1053
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

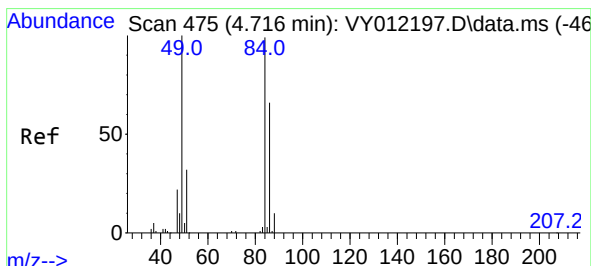
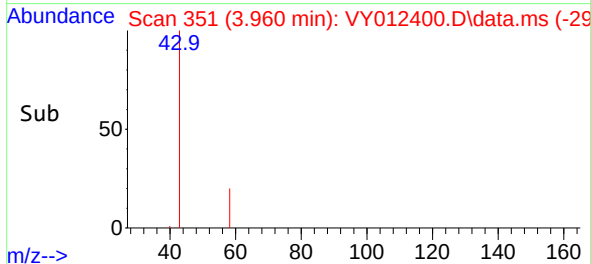
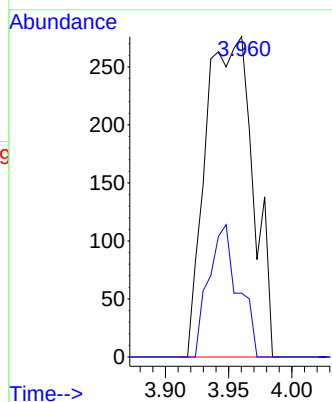
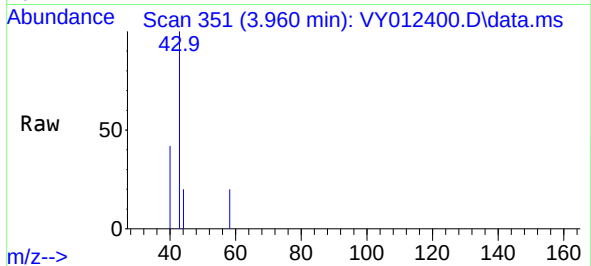




#16
Acetone
Concen: 1.587 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

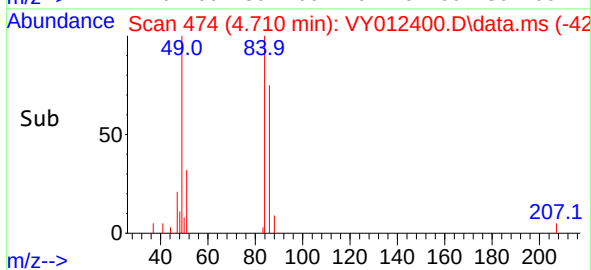
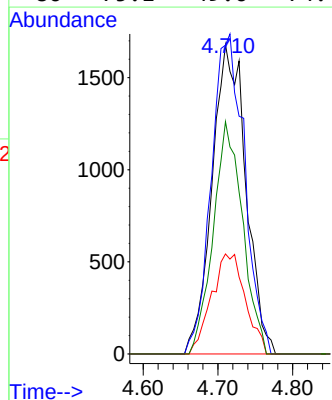
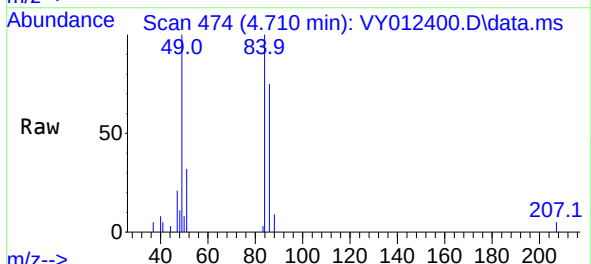
Instrument :
MSVOA_Y
ClientSampleId :
JC-3-012723

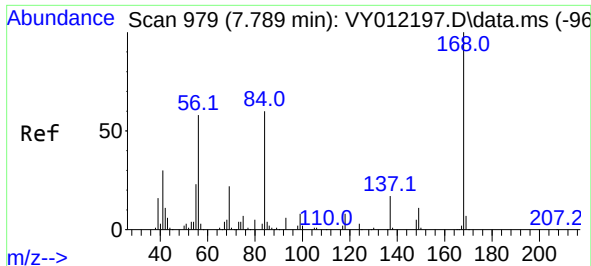
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 19.9 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

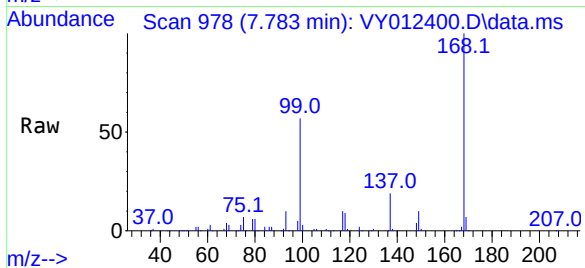
Tgt Ion: 84 Resp: 5279
Ion Ratio Lower Upper
84 100
49 99.8 95.4 143.2
51 32.3 29.9 44.9
86 75.1 49.6 74.4#



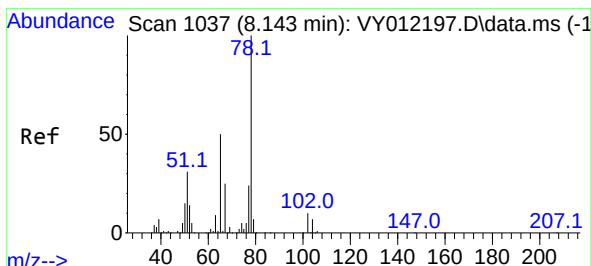
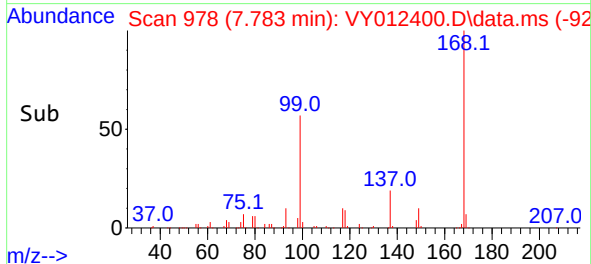
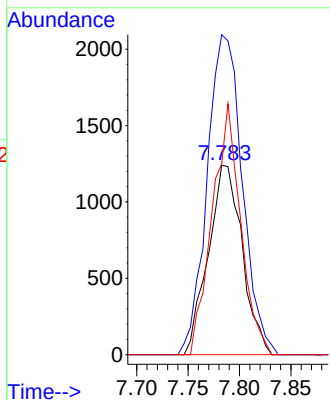


#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
JC-3-012723

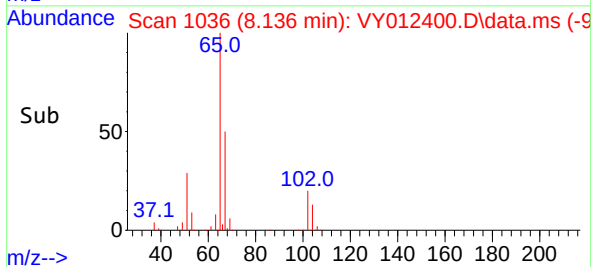
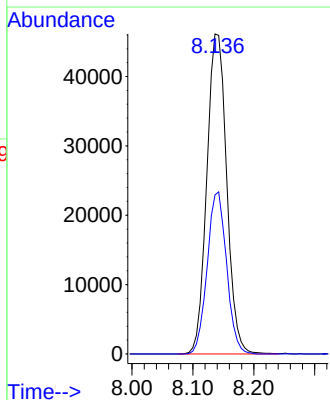
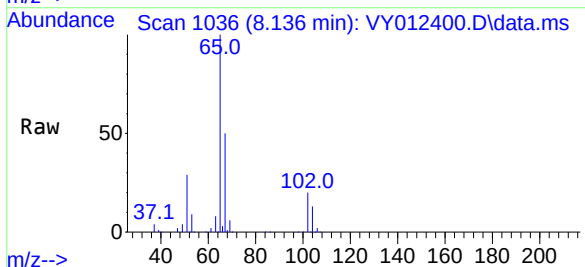


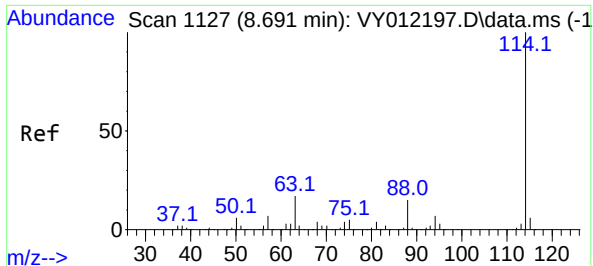
Tgt Ion: 56 Resp: 2842
Ion Ratio Lower Upper
56 100
69 168.8 29.2 43.8#
84 100.6 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 80.130 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Tgt Ion: 65 Resp: 104594
Ion Ratio Lower Upper
65 100
67 49.3 0.0 103.2

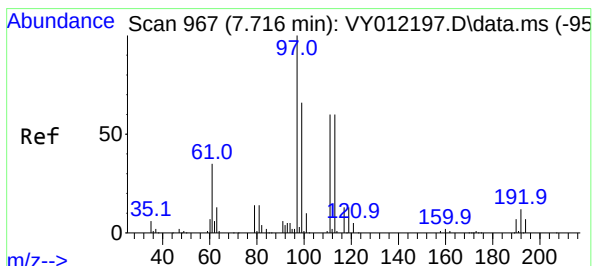
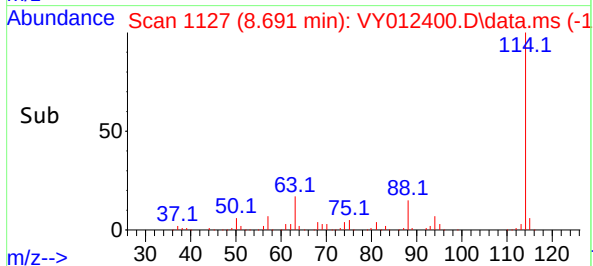
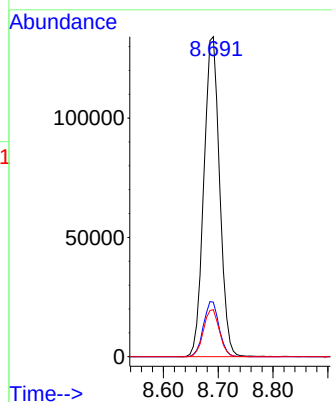
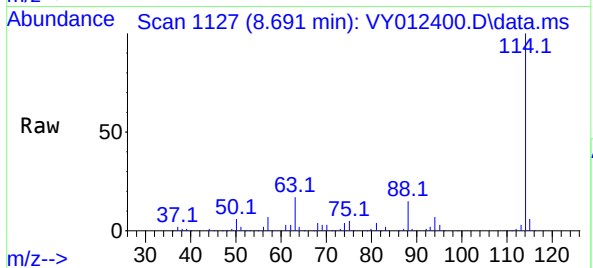




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

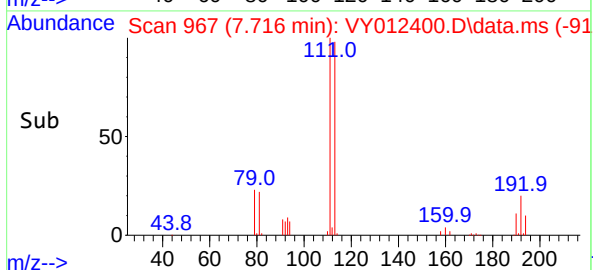
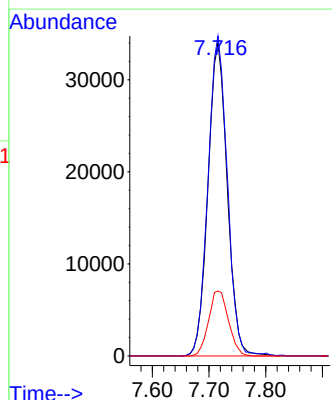
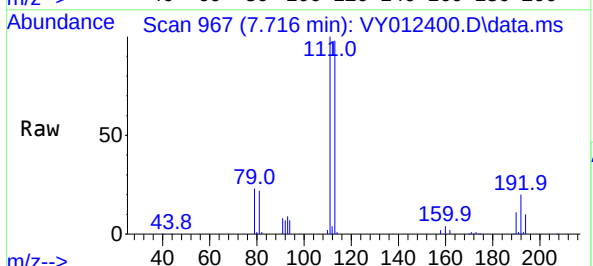
Instrument :
MSVOA_Y
ClientSampleId :
JC-3-012723

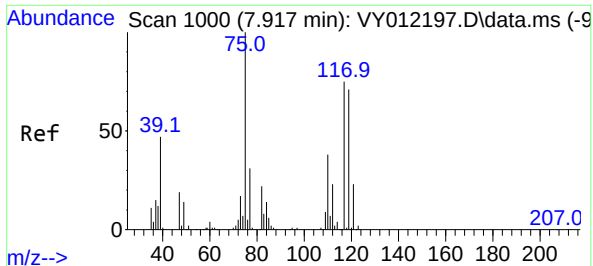
Tgt Ion:114 Resp: 267680
Ion Ratio Lower Upper
114 100
63 17.1 0.0 39.6
88 14.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 56.652 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Tgt Ion:113 Resp: 80297
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 21.4 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012400.D

Acq: 30 Jan 2023 16:11

Instrument :

MSVOA_Y

ClientSampleId :

JC-3-012723

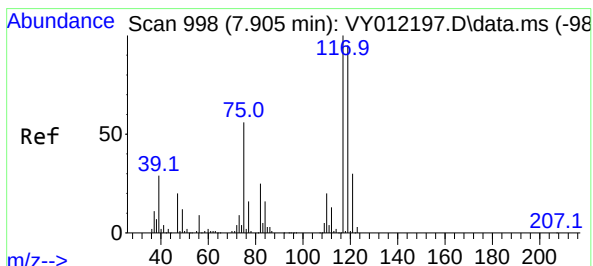
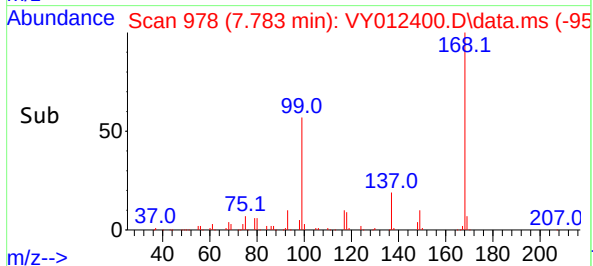
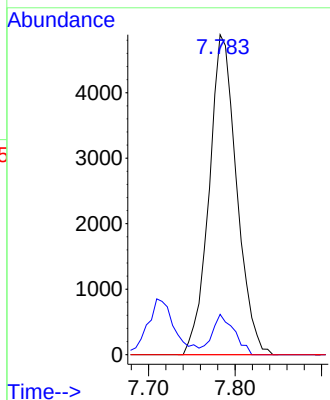
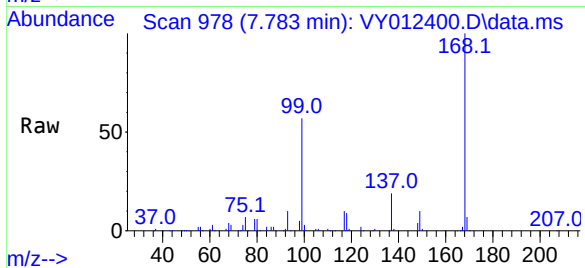
Tgt Ion: 75 Resp: 10803

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.037 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012400.D

Acq: 30 Jan 2023 16:11

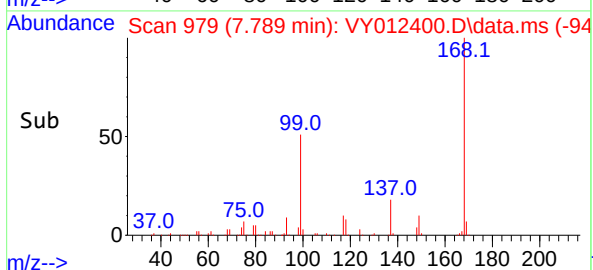
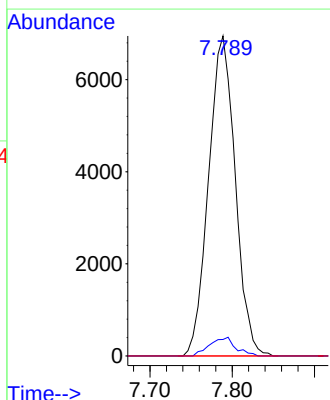
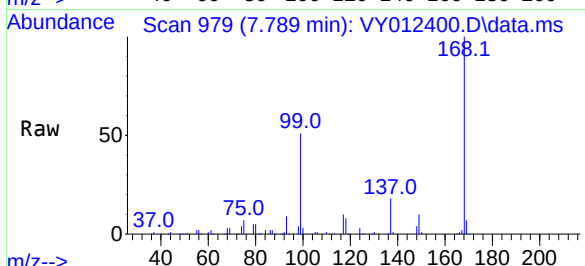
Tgt Ion: 117 Resp: 15670

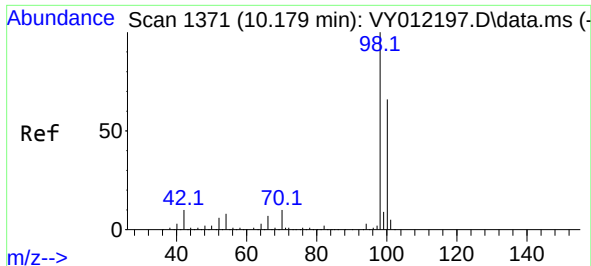
Ion Ratio Lower Upper

117 100

119 5.2 73.8 110.8#

121 0.0 25.2 37.8#

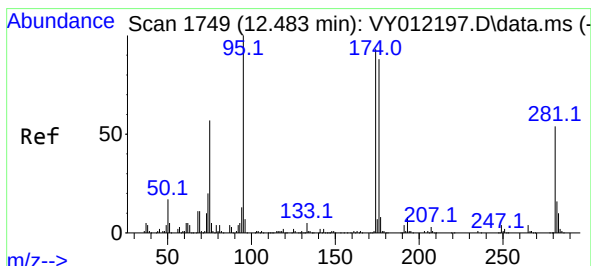
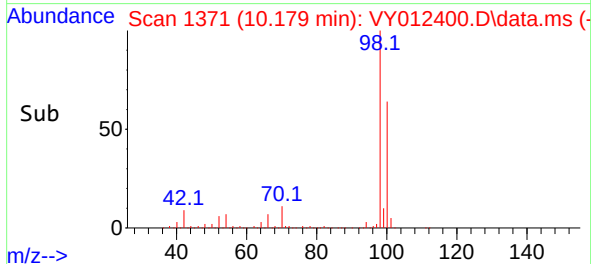
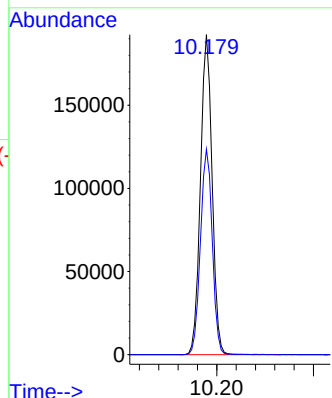
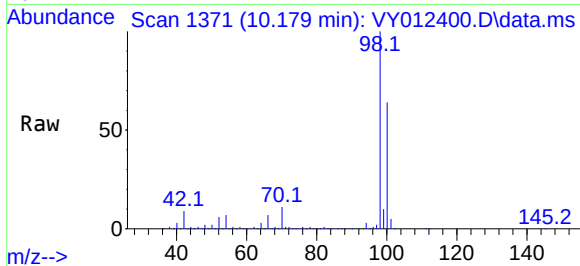




#50
Toluene-d8
Concen: 66.898 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

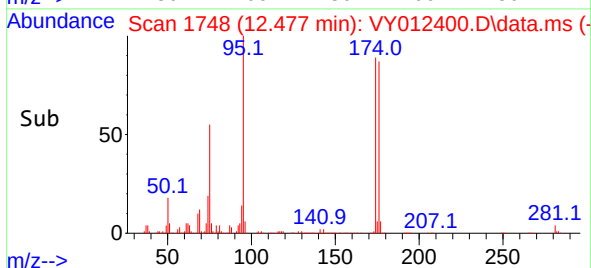
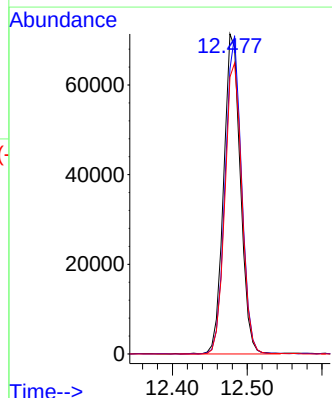
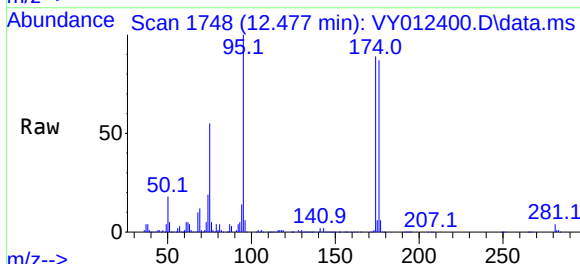
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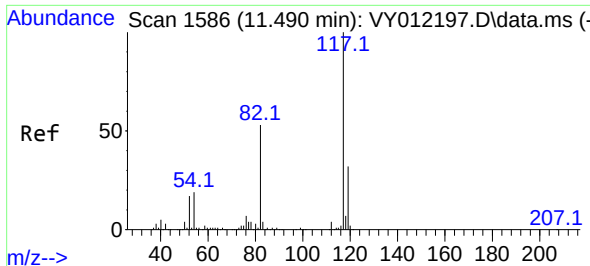
Tgt Ion: 98 Resp: 321341
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.676 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Tgt Ion: 95 Resp: 111243
Ion Ratio Lower Upper
95 100
174 97.2 0.0 172.0
176 92.0 0.0 167.6

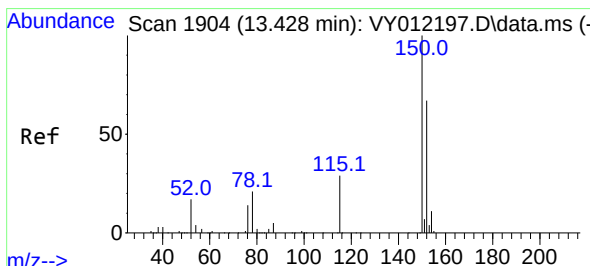
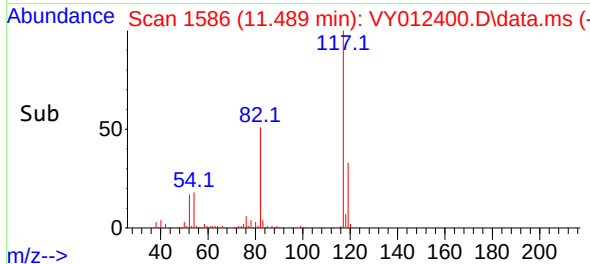
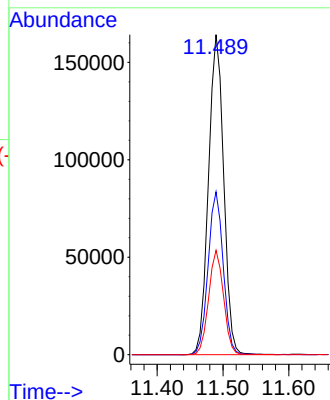
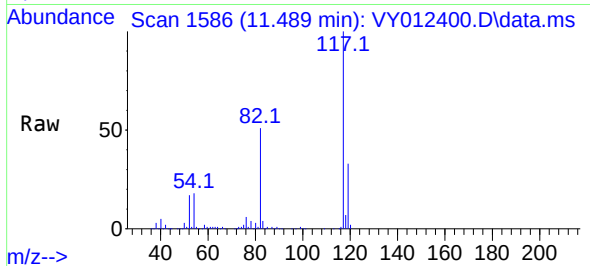




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

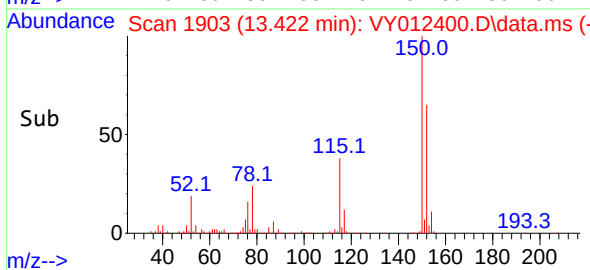
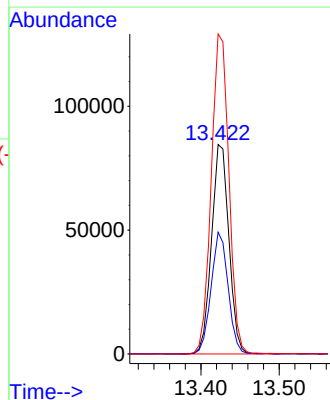
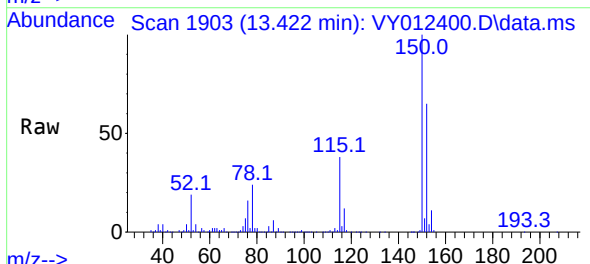
Instrument :
MSVOA_Y
ClientSampleId :
JC-3-012723

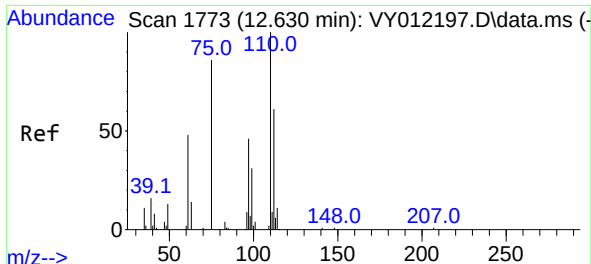
Tgt Ion:117 Resp: 264064
Ion Ratio Lower Upper
117 100
82 50.9 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Tgt Ion:152 Resp: 130219
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 155.4 0.0 342.6

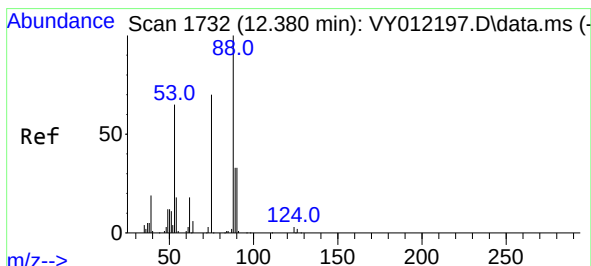
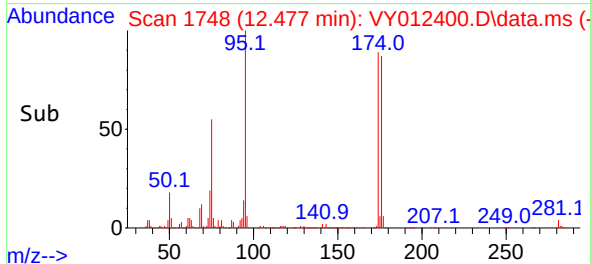
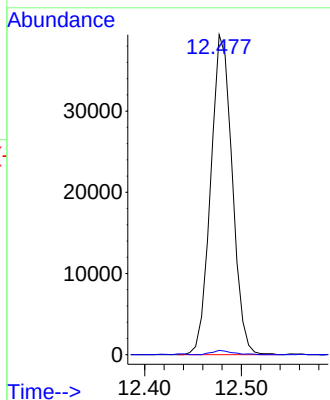
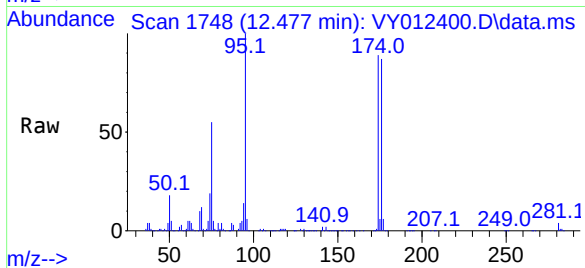




#76
1,2,3-Trichloropropane
Concen: 50.886 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
JC-3-012723

Tgt Ion: 75 Resp: 60932
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.849 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY012400.D
Acq: 30 Jan 2023 16:11

Tgt Ion: 75 Resp: 60932
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.1 37.0 55.4#

